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AGRICULTURAL LIBRARIES INFORMATION NOTES

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RURAL INFORMATION SERVICES - ASIS 1984

by
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Communications,
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The Rural Information Services Group of the American Society for Information Science (ASIS) sponsored two sessions at the Society's 47th annual meeting, "Challenges to an Information Society," held in Philadelphia.

The first symposium, "Information in Rural America: Update and Projections" was co-sponsored by the National Commission on Libraries and Information Science (NCLIS) and the U.S. Department of Agriculture. The symposium was an extension of last year's session on "Information, Innovation, and Productivity." At that time, a commitment was made to the development and implementation of cooperative library and extension information delivery programs for rural America. The current session focused on the progress that has been made toward a National Rural Information Services program and what is planned for the future. The following is a recap of significant projects, programs, goals, and objectives presented during the symposium.

Raymond D. Lett, Executive Assistant to Secretary John R. Block and moderator of the session, emphasized in his opening remarks both the Department's commitment to keep citizens informed in the face of a changing rural America as well as the Administration's strong support for an effective information resource management plan. As part of this effort, Mr. Lett described a contract recently awarded to Martin Marietta Data Systems for the electronic dissemination of information. A central system, managed by Martin Marietta, will provide access to and dissemination of USDA's perishable information such as news releases, economic, statistical, and marketing information. The data will be available on two levels. Level 1 will consist of bulk information which will go to public disseminators or the public retail market where it can be repackaged for use by the private sector. Level 2 data will service more definitive requests and will be available to USDA and cooperators. Mr. Lett concluded his remarks by urging the agricultural community to, "work together to give people in rural America the assurances that they will have the same access to research and information technology that urbanites have."

Elinor M. Hashim, Chairperson, National Commission on Libraries and Information Science (NCLIS), outlined two programs which illustrate the Commission's past and future contributions toward bringing the needs of rural America to national attention. The National Rural Information Services Development Program (NRISDP), more commonly referred to as the "Rural Program," was established to "focus attention on the library and information services needs of rural citizens and coordinate the efforts of the federal, state, and private sector to meet those needs." To date, the Rural Program has resulted in heightened Congressional awareness of rural information needs as evidenced in the July 21, 1982, Joint Congressional Hearing

on the Changing Information Needs of Rural America: The Role of Libraries and Information Technology* published jointly by USDA and NCLIS. A new project currently in the planning stages is the formation of the National Advisory Board on Rural Information Needs (NABRIN). NABRIN, according to Ms. Hashim, will be charged with: identifying needs for information in rural communities; suggesting alternative designs for rural information systems; estimating the costs of supplying information inherent in those alternative designs; examining existing public policies on rural information; developing plans for the implementation of cost effective information delivery for rural America; developing evaluation criteria and conducting evaluations of rural information delivery systems.

Hollis Hall, Program Leader, Legislative and Intergovernmental Affairs, USDA Extension Service, highlighted the Extension Service's role in investigating and experimenting with emerging technologies in the delivery of information. Dr. Hall spoke of "new relationships being formed between Extension and other information purveyors." He added that the Extension Service is continually looking toward establishing linkages with existing institutions at the local level to deliver information using new and/or improved communications technologies. Some of these include:

- dedicated radio networks—used particularly in geographically dispersed states like Alaska and Missouri to connect local Extension offices with the information base at the land-grant.
- interactive systems—systems such as AGNET (University of Nebraska) and QUBE (Warner Cable Company) are providing necessary linkages for delivery of information to rural America. The former allows the user to input data and receive answers and analysis on a variety of topics from farm management to human diet and fertilizer recommendations. The latter provides interactive opportunities through cable television utilizing touch pads for individuals to make responses to a particular program. Extension services in Columbus, Ohio have used QUBE to, among other things, conduct surveys to determine educational needs and request literature from local Extension offices.
- cable television—innovative programs using this medium hold great opportunities for the future of education in rural America. Dr. Hall cited one such innovative program in St. Louis County, Minnesota, which demonstrates the cooperation between libraries, cable television, and extension services. The program began as an attempt to provide family information services to an economically depressed area. The county library, in addition to distributing educational materials to its citizens, produced an information show for cable television using extension services to address problems facing the community. This model was later found useful for the dissemination of agricultural information.

Ron Brach, Executive Director of the New York State Legislative Commission on Rural Resources, summarized his Commission's efforts

to assess the trends, strengths, and weaknesses of rural New York State with suggested goals for the next two decades. Dr. Brach described a Commission-sponsored 3-day rural symposium held last year which addressed the dearth of information in and about rural America. The nine preliminary reports generated at the symposium served as the basis for discussion at twelve public hearings held throughout the State in the past year and together will form the basis of a second symposium to be held in February 1985 where an action agenda for rural New York will be developed. Dr. Brach emphasized that rural areas in New York State and elsewhere are in a state of rapid transition and that this made it incumbent on rural library and information service personnel to seek ways to link evolving technologies with innovative partnerships at the federal, state, and local level in a cost effective and user friendly environment to meet the information needs of rural America.

Glenn Wilde, Associate Dean, Continuing Education, Utah State University, Logan, Utah, in his paper "In Search of the Great American Hamburger" took a pragmatic look at the problems of information and education delivery to rural America based on his experiences with the Inter-Mountain Community Learning and Information Center (ICLIS) project. In examining possible solutions, Dr. Wilde seeks to dispel the following myths: that rural America is a predominantly agriculture-based economy; that diffusion of technologies will result as a natural consequence of marketing computer technologies; that rural Americans will not be primary users of new technologies and, therefore, a soft market exists in the sale of hardware and software; an industry held belief that the principal method of serving rural education will be through a self-contained trainer using computer software or canned programs; and finally that rural public libraries will have no practical value in the future.

The concluding symposium, "New Perspectives: The Rural Information Market: Challenges to the Information Industry," was chaired by co-moderators Richard C. Haycock and Glenn R. Wilde of Utah State University, Logan, Utah. The session presented various perspectives about the information needs of rural Americans based on research in rural sociology and educational/vocational training programs.

Kenneth Wilkinson, President, Rural Sociological Society, and Professor, Rural Sociology, Penn State University, in his address speculates on the future effects of the information era on rural America. Rural areas, he explained, suffer from spatial inequities. These spatial inequities have historically prevented access to information resources. Dr. Wilkinson believes that the net effect of the new information technologies on rural America will be highly beneficial in that it will facilitate access to resources and will provide the necessary contact with a larger information structure that will reduce barriers to rural communities. He further states that rural people will use these new technologies and that these new technologies will aid in developing stronger community ties.

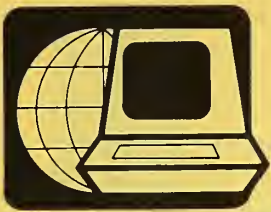
Juliet Miller, Director of Information Systems, National Center for Research in Vocational Education outlined the basic problems, issues, and characteristics of rural education. Dr. Miller stressed the fact that rural areas suffer from an inequitable distribution

of technological resources. This makes it especially important for the rural community to continue to build partnerships, especially business and industry linkages to overcome these inequities. Dr. Miller also described her activities at the National Center where she is responsible for the dissemination and utilization of model vocational education programs and the development of information systems to support information dissemination. In this regard, the National Center serves as a prototype for research and development activities in support of vocational education. Some of these activities have included long distance satellite communication and delivery of education; development of a microcomputer software evaluation guide that can be used as a standard for evaluating vocational education software; and database development. The Center is currently involved in building four databases. They are:

- Educational Resources Information Center (ERIC)--experiments with downloading various subsets of the ERIC system onto microcomputer disk are currently underway.
- Vocational Education Improvement (RIVE)--contains on going and recently completed state and federal vocational education program improvement projects.
- Vocational Education Curriculum Materials (VECM)--considered the master database for curriculum materials in vocational education, this database includes both print and nonprint materials.
- Resource Organizations and Meetings for Education (ROME)--funded by the National Institute of Education, this database contains information about professional meetings, professional associations, and research organizations.

In addition, the Center also manages the Adult Vocational and Technical Education Electronic Mail Network (ADVOCNET), which is a network of federal, state, and local adult and vocational education personnel linked via an electronic mail system provided by ITT DIALCOM.

*Copies of the hearing may be obtained from the Commission by writing to Jane Thomas, NCLIS, GSA Building, 7th and D Streets, S.W., Suite 3122, Washington, D.C. 20024, or from USDA through Ed Poe, Office of Governmental and Public Affairs, USDA, Room 508, Administration Building, 14th & Independence, S.W., Washington, D.C. 20250.



AGRICOLA

NEW YEAR BRINGS CHANGES TO AGRICOLA

The new year will bring some important changes to NAL's AGRICOLA database. First and foremost among the changes will be the addition of the Commonwealth Agricultural Bureaux CAB Thesaurus terms to indexing records. Since AGRICOLA's inception, the sole controlled subject access to its indexing records has been through broadly structured subject category codes. Over the years these codes have become somewhat more detailed, but the Blue Ribbon Panel, as well as many online users, have expressed a need for even greater controlled subject access. We expect that the use of CAB Thesaurus terms will address that need. Users will, of course, be able to continue searching through the use of keywords and category codes as they have in the past. The inclusion of CAB Thesaurus indexing will simply provide an additional dimension to subject oriented retrieval in AGRICOLA.

The CAB Thesaurus, which contains some 48,000 terms (85% descriptors and 15% non-descriptors), had its origins in the 25,000 principal terms of the CAB Word List (1978). These were in turn drawn from the CAB abstract journals' subject index phrases and the descriptor field of the online version of CAB.

CAB has agreed to allow NAL to use "Americanisms" where appropriate (e.g. "tires" for "tyres;" "peanuts" for "groundnuts;" etc.). NAL is to have the authority and responsibility to recommend new terms for the Thesaurus.

Work here at NAL is well underway toward implementing this new procedure. While indexers are already using the

Thesaurus in their work, CAB Thesaurus indexed records will only be released beginning with the January 1985 sale tape. The Information Systems Division is about to complete a software module that will provide online validation of all terms at the time of data entry. The Food and Nutrition Information Center (FNIC) is hard at work on an expansion of the Thesaurus's coverage in the areas of human nutrition, food service, nutrition education, and home economics.

We at NAL are very excited about the prospect of indexing from the CAB Thesaurus and believe that it will add measurably to the quality of AGRICOLA, in terms of subject retrieval. We hope you will share our excitement.

The CAB Thesaurus consists of 2 volumes (volume 1 covering A-I and volume 2 covering J-Z), and is available for purchase from:

Commonwealth Agricultural Bureaux
Farnham Royal
Slough SL2 3BN
England

The current price is \$105.00.

Another change to AGRICOLA that will become effective with the January 1985 tape issue is the implementation of the official U.S. MARC Component Parts approach to recording "host item" information for indexing records. When NAL first adopted the MARC Communication Format in 1979 no appropriate mechanism was available for describing the "host" or "containing item" (i.e. the containing journal when a journal article was being described or the containing monograph when a book chapter was being described). NAL adopted a provisional mechanism for filling this void, but the eventual official MARBI/MARC approach turned out to be different from that used by NAL. This change, which we hope will be transparent to most of our AGRICOLA end users, will bring NAL back into line with the mainstream of the library community.

Persuant to our change to the new format, BRS has decided to reload its entire CAIN (their database label for AGRICOLA) data base, using a new load program. The

reloaded file should provide greatly increased flexibility in searching. The existing BRS/AGRICOLA load program has been one of their oldest and, therefore, lacking many of the more recently added search amenities. We are delighted to hear of this development and look forward to its implementation in early 1985.

Finally, NAL is pleased to announce the initiation of a cooperative venture with the National Oceanic and Atmospheric Administration and the Aquatic Sciences and Fisheries Information System (ASFIS) coordinated by the FAO. Beginning with 1985, NAL will discontinue indexing most aquaculture articles with the exception of those published by USDA. We will rely on ASFIS to bear the primary responsibility for processing these items.

ASFIS maintains a network of national centers, each of which reviews its own country's literature for documents relevant to aquaculture. The resulting citations are published by Cambridge Scientific Abstract (CSA) of Bethesda, Maryland. The print version of the citations will appear in the CSA publication ASFA Aquaculture Abstracts. Online they may be found in the Aquatic Sciences and Fisheries Abstracts database (file 44 on the DIALOG system). These quality citations include an abstract, descriptors, and identifiers. We expect that this arrangement will permit a more thorough coverage of the literature of aquaculture than was previously available in AGRICOLA. It will also free NAL staff to provide better coverage in other areas.

NAL, for its part, will provide backup document delivery service for aquaculture materials processed by ASFIS. ASFIS members will assist in this effort by providing NAL copies of fugitive materials not already held in our collection. AGRICOLA users will want to remember that they will need to search ASFA resources to achieve comprehensive retrieval of aquaculture materials beginning in 1985.

These changes have kept staff here at NAL very busy over the past year. We hope that our efforts will bear fruit by making AGRICOLA easier to search. If you, our users, have any suggestions or comments concerning the database, I would be most happy to hear from you.

--Bill Feidt

Leader, Database Management
and Support Group
Information Systems Division
NAL, (301) 344-3813



NEW AGRICOLA USER'S GUIDE

The newly updated AGRICOLA User's Guide is now available for purchase through the National Technical Information Service (NTIS). The revision was authored by Charles L. Gilreath, formerly of the Texas A&M University, under contract to NAL. The guide is the third manual documenting the NAL database since its beginning in 1970. While the basic arrangement of the manual remains the same, several changes in content have been made. Some of these enhancements include a general discussion of the characteristics of agricultural literature and its effect on literature retrieval; agricultural literature in relation to database selection; and cross-database searching.

Order AGRICOLA User's Guide, PB85-100618, \$15.00, from National Technical Information Service, Identification Section, 5285 Port Royal Road, Springfield, VA 22161.
Telephone: (703) 487-4780.





ASSOCIATES NAL, INC.

ASSOCIATES SPONSOR DESMOND LECTURES

The Associates of the National Agricultural Library, Inc. had the pleasure of sponsoring two lectures by Mr. Ray Desmond, Deputy Director of the India Library in London, on October 21 and 22, held at the National Arboretum. Co-sponsors of the events, in an unprecedented cooperative effort, were the Botanical Society of Washington, Brookside Gardens, the Camellia Society of the Potomac Valley, and the Friends of the National Arboretum. Dr. Joseph Ewan of the Smithsonian Institution, professor emeritus at Tulane University, introduced the speaker on both occasions.

Mr. Desmond was formerly the Librarian at Kew Gardens, and is well known to librarians and botanists for his Dictionary of British and Irish Botanists and many other publications. His topic on Sunday, October 21, was "Evolution of Gardens in India." His colorful slides and informed commentary led the audience through a delightful journey through time and through the breadth of India.

Inspiration for some of the earliest great gardens was from ancient Persia by way of conquering invaders led by Timur (Tamerlane to Westerners) during the 14th century and his descendent Babur in the 16th century. From bases in Afghanistan both these warrior princes extended their domains over much of Central Asia, including the northern part of present-day India.

The Mongol Timur built wonderful gardens wherever he went, which reflected the Persian influences of symmetry and symbolism, and

incorporated the use of water and flowers. Usually the gardens were attached to the ruler's residential pavillions, affording him a view of earthly paradise.

Babur was active in building Mughal or Moghul gardens, and encouraged his nobles to do the same. Unfortunately, not many of the gardens remain today in their original form, although Desmond showed many that retained original features. Terraces, cascades, and fountains of water, symmetrical canals and plantings, as well as enclosing walls were all typical aspects. The Taj Mahal at Agra with its surrounding watercourses, trees, and gardens is one of the most spectacular examples of Moghul art and architecture, and was pictured in all its gleaming splendor.

Desmond's second lecture was on "Transportation of Seeds and Living Plants in the Age of Sail." He described the lively two-way traffic between North America and Europe, which sent the discoveries of plant explorers in the New World to botanical gardens and collectors back home, and which supplied colonists with plants and seeds of food crops. It was a chancy business, fraught with the hazards of ship crews uninterested in watering plants, and the temptation to toss overboard any such excess baggage during a storm. The invention of the Wardian case, which was a glass box into which plant samples could be sealed, finally solved the problem. These cases were in use until the advent of transatlantic planes.

--Jayne T. MacLean
Reference Research Librarian
Public Services Division
NAL, (301) 344-3704



NAL AWARDS CEREMONY



Fifty-five employees received awards at the NAL ceremony

The National Agricultural Library held its seventh annual awards program November 8. Orville G. Bentley, Assistant Secretary, Science and Education, provided the keynote address at this year's ceremony at which 55 employees were honored. Congratulating NAL employees on their commitment and loyal service to the Library, Dr. Bentley emphasized that it is the human spirit that ensures the future success of an organization. He added that award ceremonies foster an opportunity to recognize the contribution of individual and team efforts and serve to thank all employees for a job well done. Dr. Bentley also focused attention on the future challenges facing libraries in a world of rapidly changing technologies. The new technologies have afforded libraries the opportunity to "mobilize information to help society," by searching for new ways to repackage information to better serve the needs of our clientele. Dr. Bentley concluded his remarks by stating that the information explosion has added a new dimension to what we do and poses exciting challenges for the future. He thanked NAL for taking up the challenge.

Orville G. Bentley, Assistant Secretary,
Science and Education, delivered keynote
address



NAL AWARDEES

Length of Service Awards

25 Years

Willie R. Jackson, PSD-Lending
Edna C. Liu, TSD-Cataloging
William C. Norfleet, PSD-Lending
Marilyn M. Putnam, TSD-Indexing

20 Years

Mary C. Ball, Office of the Director
Jesse E. Brown, PSD-Reference
Larry Calyn, TSD-Acquisitions (retired)
Joseph H. Howard, Office of the
Director
Elizabeth S. Smith, Information
Systems Division
Mike A. Yiallouris, TSD-Indexing

10 Years

Jo Ann Brown, Information Systems
Division
Robyn C. Frank, Food, Nutrition, &
Human Ecology Staff
Patricia Patrick, TSD-Serials

Quality Increase Awards

Betty Daniel, TSD-Acquisitions
Winifred Gelenter, TSD-Acquisitions
Helen Kretsi, PSD-Lending
Veronica Lefebvre, PSD-Lending
Diana Lemon, Office of the Director
Cornelius McKissick, PSD-Lending
Carol Nelson, Food, Nutrition, & Human
Ecology Staff
Maria Pisa, PSD-Reference
Karen Reed, PSD-Reference
Don Yeldell, PSD-Acquisitions

Performance Awards

Louise Bruce, Office of the Director
Lena Garner, TSD-Serials
Adrenne Green, TSD-Serials
Patricia Patrick, TSD-Serials
Rita Spencer, PSD-Lending

Certificate of Appreciation

Angela Lee, Wei Ping Liao, Tsu Lin,
Edna Liu - presented by Education &
Information Staff

Nancy Raff, Phil Turner, Ronald Young -
Lending Branch

Debbie Nelson, Beth Whiting, Carolyn
Williamson - Cataloging Branch

Frances Mark, Joann Rector, Annette Rojas,
Shirley Souder, Helen White, Rebecca
Younger - Cataloging Branch

Kathleen Dougherty - Serials Branch

Susan Fugate, Chris Huddleston -
Acquisitions Branch

Larry Calyn (retired), Susan Fugate, Tamara
Kavlick, Karen Reed, Janet Strickling,
Judith Winesdorfer, William Yagodich -
Acquisitions Branch

Suggestion Award

Don Yeldell, TSD-Acquisitions

1984 AWARDS COMMITTEE

Chairperson
Veronica Lefebvre

Vice-Chairperson
Carole Shore

Mary Ball
Larry Calyn*
Diana Claburn
Helen Kretsi
Janette Lewis
-Recorder-


Maria Pisa
Carolyn Williamson
Don Yeldell

*retired 




NEWS NOTES


ATTENTION 1890 LIBRARIES

The NAL is currently surveying 1890 land-grant libraries and the Tuskegee Institute for their interest in purchasing used OCLC terminals at reduced rates. With the introduction of the new M300s, OCLC has surplus stocks of dedicated terminals for sale. In addition, several libraries have replaced their Model 110s with the newer model and are eager to make the older terminals available to interested users. For further information contact: Beth Whiting, OCLC Coordinator, (301) 344-3728. 

SLA FOOD AND NUTRITION DIVISION RENAMED

The Food and Nutrition Division of the Special Libraries Association has been officially renamed the Food, Agriculture, and Nutrition Division. Officers hope that the name change will encourage more agricultural librarians to join this SLA Division. For more information contact: Susan Newcomer, Editor, Lawry's Foods, Inc., Library, 570 W. Avenue 26, Los Angeles, CA 90065. 

VOLUNTEER GUIDES NEEDED

The National Arboretum is in need of volunteers to conduct guided tours of their facility. Introductory training sessions will be held during the spring months. To register or obtain additional information about the volunteer guide program, telephone the Arboretum Education Department at (202) 475-4857 or Audrie Whitney, Volunteer Guide Chairman at (301) 762-5162. 

1985 OBERLY AWARD NOMINATIONS


Nominations are now being sought for the 1985 Oberly Award for bibliographic excellence in the agricultural or related sciences. To be eligible, a bibliography must have been published in 1983 or 1984 and the author, editor, or compiler must be a U.S. citizen. Bibliographies will be judged on usefulness, scope, accuracy, format, explanatory features, and indexing methods. The award is administered by the Science and Technology Section of the Association of College and Research Libraries. It will be presented at the annual meeting of the American Library Association in July 1985 in Chicago. Nominations in the form of a letter and including, if possible, a copy of the bibliography, should be sent by January 1, 1985, to: Chairperson, Oberly Award Committee; ACRL/ALA; 50 East Huron St.; Chicago, IL 60611.

ERS ANNOUNCES TWO NEW STANDING ORDERS

Two new standing orders for research monographs of the USDA's Economic Research Service can save time, labor, and expense for frequent report buyers. ALIN readers will receive a brochure fully describing these services in the near future.

The Government Printing Office offers standing orders for printed ERS reports in three popular series, AER, FAER, and RDRR. Costs are charged to the subscriber's GPO deposit account or credit card.

The National Technical Information Service has created standing orders for ERS reports in microfiche. In addition to selected series, subscribers can receive all new ERS monographs, including staff reports (approximately 170 reports per year). Reports cost \$1.10 each, or slightly more with an optional quarterly index. NTIS also offers two historical collections of ERS reports in microfiche.

For further information on ERS standing orders, contact Raymond Bridge, EMS Information Division, USDA, Washington, D.C. 20250; (202) 382-3006. 

PUBLICATIONS AVAILABLE

The following publications are surplus to the needs of the National Agricultural Library's collection. They will be made available to any interested organization that regularly sends free publications to NAL. This includes most Federal, land-grant, and agricultural research institutions as well as many others. Foreign institutions will need to make special arrangements with local sources for shipment of material.

If interested, please write to:
National Agricultural Library, USDA,
Attn: Collection Development - Gifts,
Beltsville, MD 20705, or call Leslie
Kulp (301) 344-1562.

1. Agricultural Engineering - v. 16, 135-36, 1955 (bound).
2. Economic Botany - v. 14, 1960 - 25, 1971 (bound).
3. Journal of Agricultural and Food Chemistry - v. 1, 1953 - 11, 1963 (bound).
4. Journal of Scientific Instruments - v. 1, 1922-44, 1967 (bound).
5. Soil Science - v. 89, 1960 - 116, 1974 (bound).
6. USDA Farmer's Bulletins - No. 30, 1895 - no. 1875, 1941 (bound, some numbers missing).
7. Veterinary Medicine - v. 40, 1945 - 54, 1959 (bound).



FNIC MICROFICHE PUBLISHED

A microfiche collection of over 1,000 documents drawn from the holdings of the Food and Nutrition Information Center, NAL, is now available. Entitled Food and Nutrition, the base collection with updates, covers virtually every aspect of food and nutrition, including consumer protection, diet and diet-related diseases, nutrition legislation, and food composition. Available from: University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106.

LIBRARY MICROSOFTWARE DIRECTORY ANNOUNCED

A library-specific microcomputer software directory is now available from MicroUse Information. Chen's MicroUse Directory: Software is an outgrowth of the MicroUse database developed by Ching-chih Chen, Professor and Associate Dean of the Graduate School of Library and Information Science, Simmons College and partially funded through a grant from OCLC, Inc., and the Simmons College Fund for Research. The directory is one of several scheduled for publication. Available from: MicroUse Information 1400 Commonwealth Avenue, West Newton, MA 02165, \$99.50 plus \$3.00 for postage and handling.



NOTE FROM THE EDITOR

The November/December issue of ALIN marks my first as editor of this newsletter. My goal is to continue to provide to the agricultural information community the fine channel of communication ALIN has come to represent since its founding in 1975.

With that I welcome you, the readers, to continue to make this your newsletter. Papers, news items, ideas, and suggestions are actively sought and gratefully accepted. I hope to have an opportunity to meet and speak with many of you in the upcoming year and hope to work with you in upcoming issues.

--Maria Pisa
Editor





NEW BIBLIOGRAPHIES

BIBLIOGRAPHY OF EDGAR T. WHERRY (BOTANICAL LITERATURE). W. H. Wagner, Jr. Philadelphia, PA, Philadelphia Botanical Club. Barton. (49) March 8, 1984. p. 6-14. (NAL Call No.: 451 P532).

BIBLIOGRAPHY (SEED BIOCHEMISTRY AND PHYSIOLOGY, SEED PATHOLOGY, SEED ANATOMY AND DEVELOPMENT). M.M. Kulik. The Newsletter of the Association of Official Seed Analysts, v. 58 (2), May 1984. p. 31-46. (NAL Call No.: 61.9 A57N).

HERBS: AN INDEXED BIBLIOGRAPHY, 1971-1980: THE SCIENTIFIC LITERATURE ON THE SELECTED HERBS, AND AROMATIC AND MEDICINAL PLANTS OF THE TEMPERATE ZONE. James E. Simon, Alena F. Chadwick, and Lyle E. Craker. Hamden, CN, Archon Books, 1984. 770 p. (NAL Call No.: Z5996.H37S56).

NEMATODES OF GROUNDNUT (ARACHIS HYPOGAEA). Commonwealth Agricultural Bureaux, Annotated Bibliographies. Plant series 0141-5921 no. H66. 1983. (NAL Call No.: Z5074.F7A5 no. H66).

A SELECTED BIBLIOGRAPHY OF THE LAKE TROUT, SALVELINUS NAMAYCUSH (WALBUEAUM), 1784-1982. C.H. Olver, N.V. Martin, and K.H. Loftus. Toronto, Ontario Ministry of Natural Resources, Fisheries Branch, 109 p. Ontario fisheries technical report series, 0227-986X, no. 12. 1984. (NAL Call No.: SH224.0505 no. 12).



QUICK BIBLIOGRAPHIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the NAL Reference Staff in response to customer requests. Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length and probable value to a larger audience. All titles in this series will be listed for 6 months. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Public Services Division, Room 111
National Agricultural Library
Beltsville, MD 20705

NAL--Q.B.--84-53. BEEKEEPING IN THE UNITED STATES. 198 citations from AGRICOLA. English only. Searched by Jayne T. MacLean. August 1984.

NAL--Q.B.--84-54. GROUNDWATER CONTAMINATION. 201 citations from AGRICOLA. English only. Searched by Henry Gilbert. August 1984.

NAL--Q.B.--84-55. JOJOBA. 134 citations from AGRICOLA. Language none-excluded. Searched by Henry Gilbert. August 1984.

NAL--Q.B.--84-56. HYDROPONICS/NUTRIENT FILM TECHNIQUE. 143 citations from AGRICOLA. English only. Searched by Henry Gilbert. August 1984.

NAL--Q.B.--84-57. TISSUE CULTURE. 235 citations from AGRICOLA. English only. Searched by Henry Gilbert. August 1984.

NAL--Q.B.--84-58. FOOD IRRADIATION. 293 citations from AGRICOLA. English only. Searched by Henry Gilbert. August 1984.

NAL--Q.B.--84-59. EUROPEAN WINE INDUSTRY, 1978-1984. 165 citations from AGRICOLA. Language none-excluded. Searched by Mary E. Lassanyi. September 1984.

NAL--Q.B.--84-60. DIRECTORIES FOR AGRICULTURAL RESOURCES, 1976-1984. 342 citations from AGRICOLA. English only. Searched by Mary E. Lassanyi. September 1984.

NAL--Q.B.--84-61. AQUACULTURE, 1979-1984. 337 citations from AGRICOLA. English only. Searched by Henry Gilbert. September 1984.

NAL--Q.B.--84-62. DESALINATION, 1970-1984. 327 citations from AGRICOLA. Language none-excluded. Searched by Maria G. Pisa. September 1984.

NAL--Q.B.--84-63. GUAYULE, 1969-1983. 103 citations from AGRICOLA. Language none-excluded. Searched by J. Rafats. September 1984. Supersedes 83-07.


NAL--Q.B.--84-64. WOMEN'S ROLE IN FARMING AND AGRICULTURE, 1979-1984. 113 citations from AGRICOLA. English only. Searched by J. Rafats. September 1984. Supersedes 84-64.

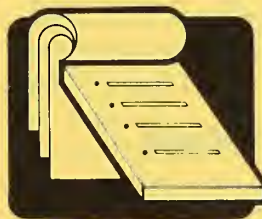
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APPLIED ANIMAL BEHAVIOR SCIENCE. New York, Elsevier. Two vols. per year. Vol. 12, no. 1-2 (Mar. 1984)-
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NEW PUBLICATIONS OF NOTE

*1982 CENSUS OF AGRICULTURE. Vol. 1, Geographic Area Series (AC82-A):

Alabama. 400 p. \$11.00. S/N

003-024-91181-7.

Louisiana. 388 p. \$10.00. S/N

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Puerto Rico. 234 p. \$7.00.

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A COLOUR ATLAS OF POISONOUS PLANTS. D.
Frohne and J.J. Pfander. 1984. 292 p.
Order from: Wolfe Scientific Ltd., 3
Conway St., London WIP 6HE, U.K.
\$60.00.

*CONTROL OF EXOTIC PESTS. FORECASTING
ECONOMIC IMPACTS. Fred Kuchler and
Michael Duffy. Washington, D.C., U.S.
Department of Agriculture, Economic
Research Service, August 1984.
Agricultural Economic Report No. 518).
17 p. \$1.50.

**THE DIRECTORY OF FEDERAL TECHNOLOGY
RESOURCES 1984. NTIS Order No.
PB84-10015/TYC. \$25.00.

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1983. NTIS Order No. PB84-105634/TCH.
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THE HEALTH RISKS OF HERBICIDES IN
FORESTRY: A REVIEW OF THE SCIENTIFIC
RECORD. J. D. Walstad and F. N. Dost.
1984. 60 p. Special Publication 10.
Order from: Business Office, College
of Forestry, Oregon State Univ.,
Corvallis, OR 97331. Single copies
free (\$1.00 Contribution Welcome).

***THE HEIRLOOM GARDENER. Carolyn
Jabs. Sierra Club Books. 1984. 310 p.
\$17.95.

***INSECT BIOLOGY. Howard E. Evans.
Addison Wesley Publishing Co. 1984.
435 p. \$32.95.

***INTEGRATED PEST MANAGEMENT FOR CITRUS.
Ag. Extension, University of California.
1984. 145 p. \$15.00.

****MODERN METHODS OF FOOD ANALYSIS. Kent
K. Stewart and J.R. Whitaker. 1984.
406 p. \$49.50.

POPULAR CULTURE IN LIBRARIES. Frank W.
Hoffman. 1984. 350 p. Order from: The
Shoe String Press, 995 Sherman Ave., P. O.
Box 4327, Hamden, CT 06514. \$29.50.

***SWINE PRODUCTION AND NUTRITION. Wilson
G. Pond and Jerome H. Maner. 1984. 733 p
\$47.50.


*UTILIZATION OF SEWAGE SLUDGE COMPOST AS A
SOIL CONDITIONER AND FERTILIZER FOR PLANT
GROWTH. S. B. Hornick, et al. Washington
D.C., U.S. Department of Agriculture,
Agricultural Research Service, August 1984
(Agriculture Information Bulletin No. 464)
32 p. \$2.25.

WORKING WITH LIBRARY CONSULTANTS. Beverly
A. Rawles and Michael B. Wessells. 1984.
224 p. Order from: The Shoe String Press
995 Sherman Ave., P. O. Box 4327, Hamden,
CT 06514. \$24.50.

*Order from Superintendent of Documents,
U.S. Government Printing Office,
Washington, D.C. 20402. Tel: (202)
783-3238.

**Order from National Technical Information
Service, Identification Section, 5285 Port
Royal Road, Springfield, VA 22161. Tel:
(703) 487-4780.

***Order from AG-HO Service Co., 615
Merchant St., Vacaville, CA 95688. Tel:
(707) 448-8287.

****Order from AVI Publishing Co., Inc. Ne
Books Division, 250 Post Rd., E., P. O. Bo
831, Westport, CT 06881. Tel: (203)
226-0738. 



AGRICULTURE DATEBOOK

1985

January 5-10: 1985 ALA MIDWINTER MEETING. Sheraton Washington & Shoreham Hotels, Washington, D.C. Contact: American Library Association, 50 E. Huron Street, Chicago, IL 60611. Tel: (312) 944-6780.

February 26-28: AGRI-MATION I. (Automation in Agriculture). Chicago, IL. Sponsored by the Society of Manufacturing Engineers and the American Society of Agricultural Engineers. Contact: Patricia Van Dore, Society of Manufacturing Engineers, One SME Drive, P. O. Box 930, Dearborn, MI 48121. Tel: (313) 271-1500.

March 4-6: NATIONAL FEDERATION OF ABSTRACTING & INFORMATION SERVICES (NFAIS). 27th Annual Conference. Arlington, VA, Crystal Gateway Marriott Hotel. "New Developments in Electronic Publishing & Information Services." Contact: NFAIS, 112 South Sixteenth St., Suite 1207, Philadelphia, PA 19102. Tel: (215) 563-2406.

March 4-6: SYMPOSIUM ON "THE AGRICULTURAL SCIENTIFIC ENTERPRISE: A SYSTEM IN TRANSITION." University of Kentucky, Lexington. Contact: Nancy Welt, 223 Scove Hall, Univ. of Kentucky, Lexington, KY 40546-0069. Tel: (606) 257-7577.

May 9-11: TWENTY-SECOND ANNUAL MEETING OF THE SOUTHERN REGIONAL SCIENCE ASSOCIATION. Washington, D.C., Washington Hotel. Contact: Barry Moriarity, Dept. of Geography, University of North Carolina, Chapel Hill, NC 27514.

July 8-12: TENTH CONFERENCE OF THE INTERNATIONAL SOIL TILLAGE RESEARCH ORGANIZATION. Guelph, Ontario, University of Guelph. Contact: T. B. Daynard, Crop Science Dept., University of Guelph, Guelph, Ontario N1G 2W1, Canada.

August 4-7: 40TH ANNUAL MEETING OF THE SOIL CONSERVATION SOCIETY OF AMERICA. St. Louis, MO. Contact: Walt Peechatka, 7515 Northeast Ankeny Road, Ankeny, IA 50021. Tel: (515) 289-2331.

August 5-9: PENICILLIUM WORKSHOP. University of Georgia, Athens, GA. Laboratory workshop on the identification of Penicillium, J. I. Pitt, principal instructor. Contact: Maren A. Klich, USDA, Southern Regional Research Center, P. O. Box 19687, New Orleans, LA 70179. Tel: (504) 589-7597.

August 18-24: INTERNATIONAL FEDERATION OF LIBRARY ASSOCIATIONS AND INSTITUTIONS (IFLA) GENERAL CONFERENCE. Chicago, IL. Contact: Robert P. Doyle, IFLA '85 Coordinator, 50 E. Huron Street, Chicago, IL 60611. Tel: (312) 944-6780.

August 21-23: SEVENTH ANNUAL CONFERENCE ON INTERACTIVE VIDEODISC IN EDUCATION AND TRAINING. Washington, D.C. Contact: Society for Applied Learning Technology, 50 Culpepper Street, Warrenton, VA 22186. Tel: (703) 347-0055.

November 17-21: THIRD INTERNATIONAL DRIP/TRICKLE IRRIGATION CONGRESS. Centre Plaza Holiday Inn, Fresno, CA. Sponsored by the American Society of Agricultural Engineers and the Irrigation Association. The Cooperative State Research Service is a cooperative sponsor. Contact: ASAE, 2950 Niles Rd., St. Joseph, MI 49085-9659.

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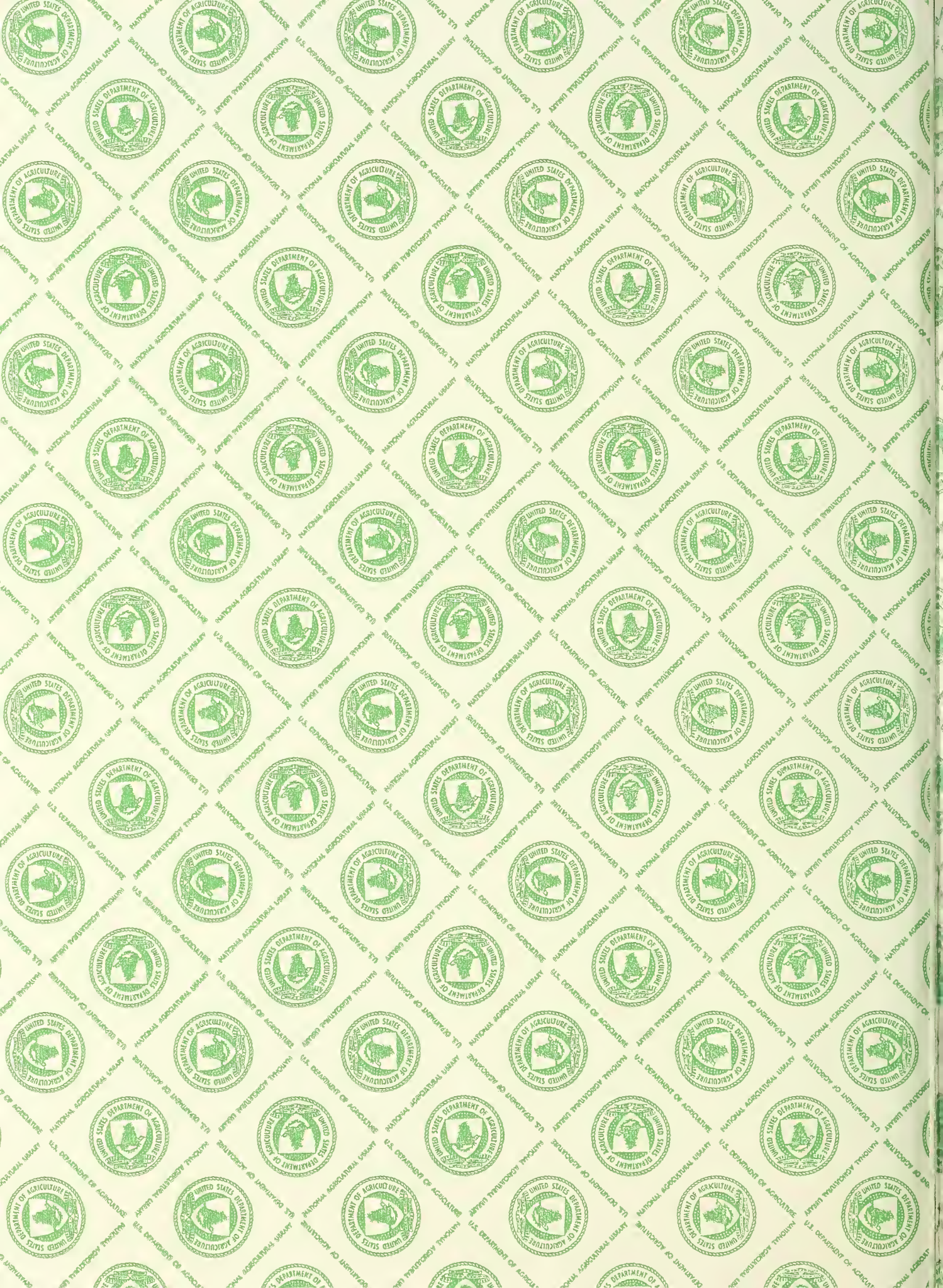


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